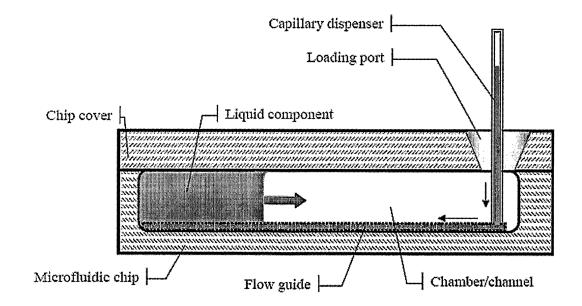
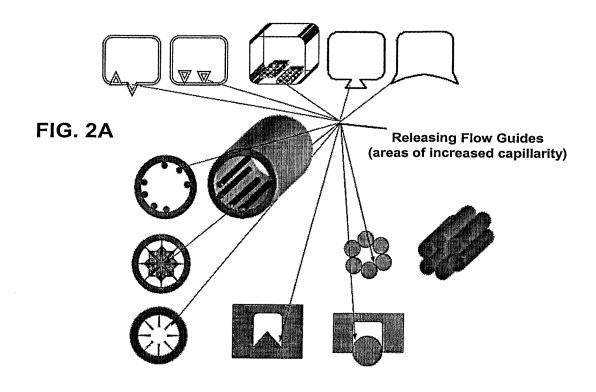
FIG. 1





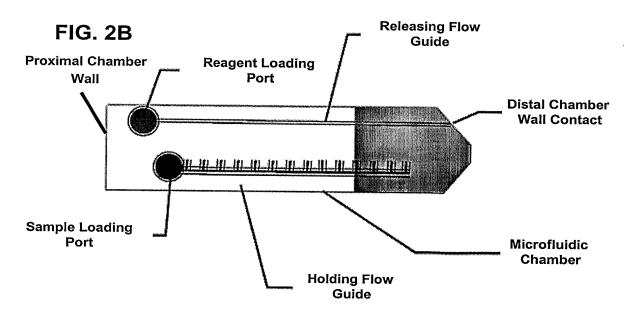


FIG. 3A-J

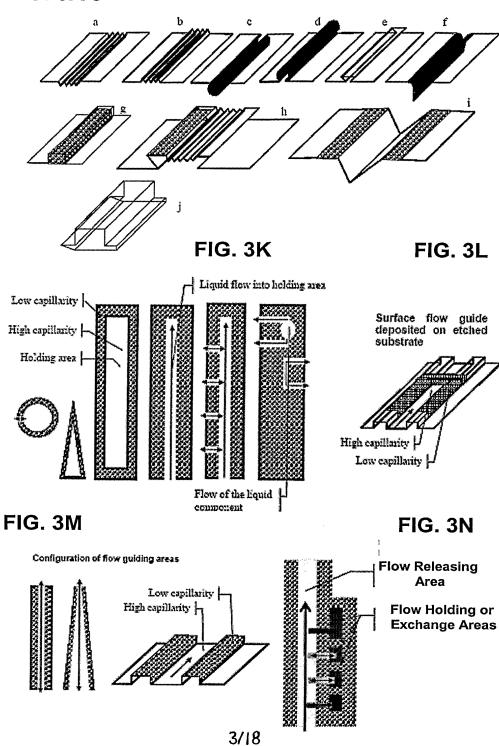
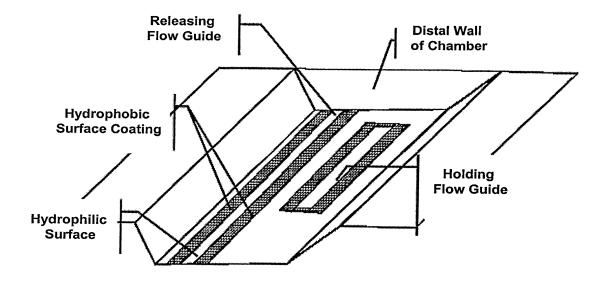


FIG. 30



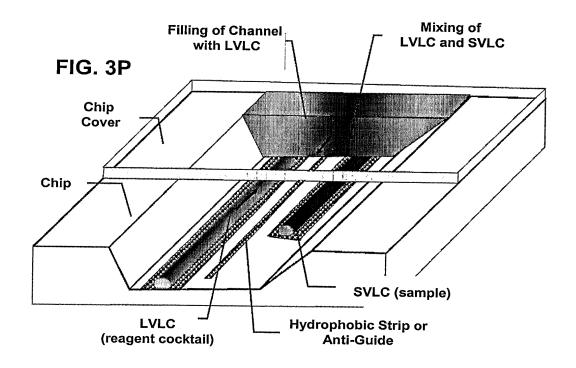


FIG. 4

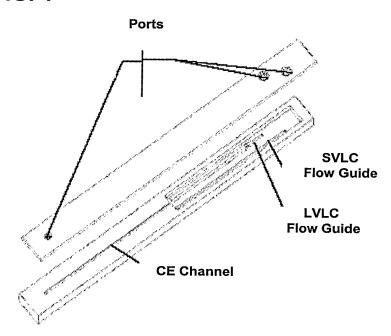


FIG. 5A

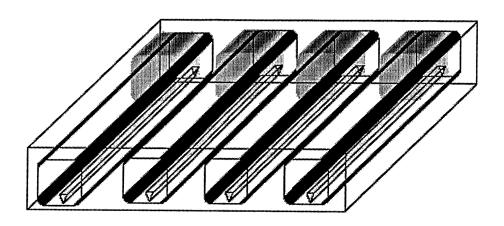


FIG. 5B

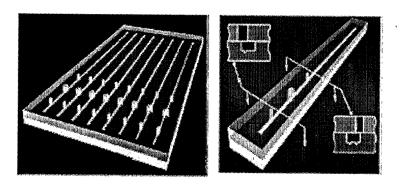
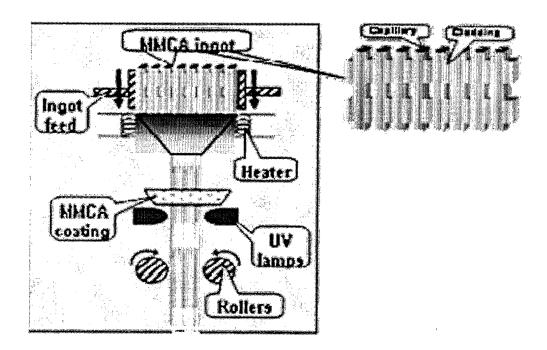


FIG. 6



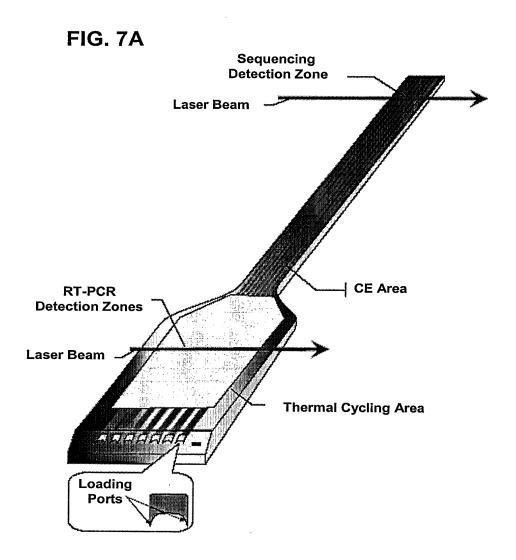


FIG. 7B

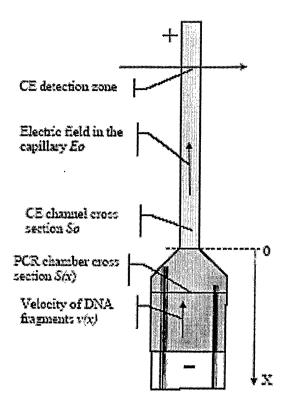


FIG. 7C

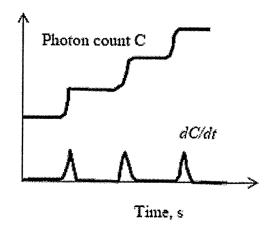


FIG. 8

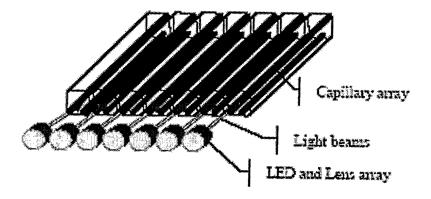


FIG. 9

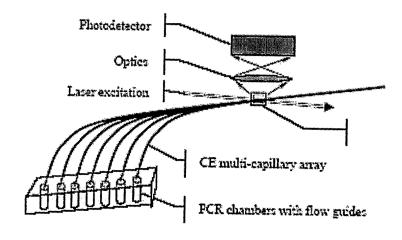


FIG. 10A

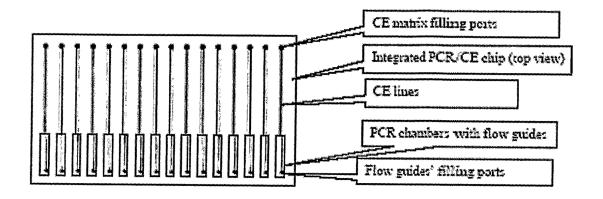


FIG. 10B

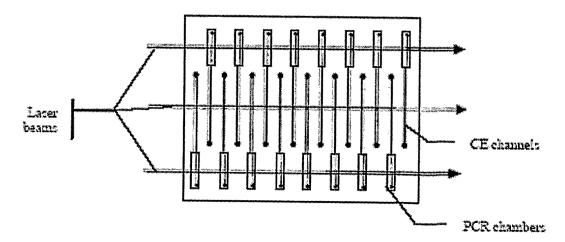


FIG. 11A

FIG. 11B

FIG. 11C

Small volume (sample) holding flow guide

Sample

Sample

Sample

Sample

Sample

Sample

Sample

Silling hole

PCR mix

filling flow

guide

PCR mix

filling hole

PCR mix

FCR mix

FIG. 12

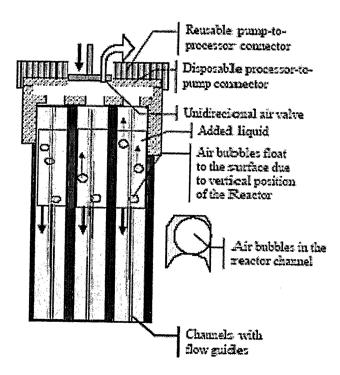


FIG. 13

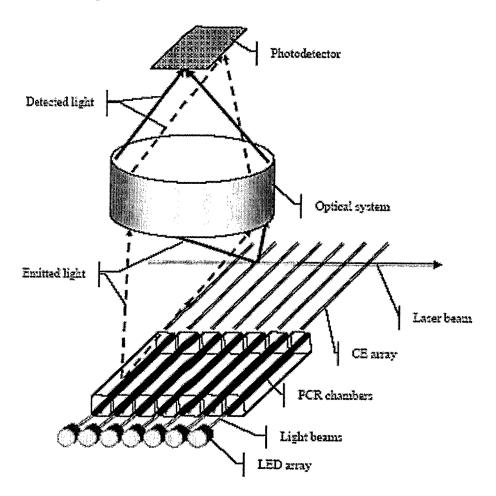


FIG. 14

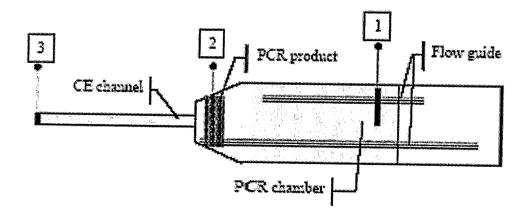


FIG. 15

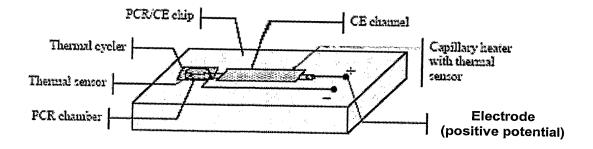


FIG. 16

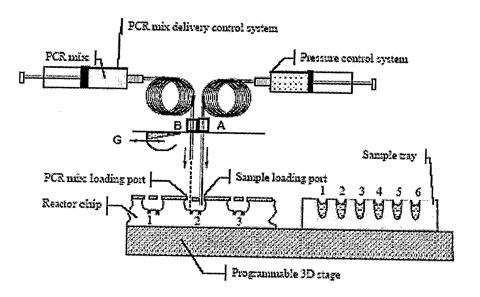


FIG. 17

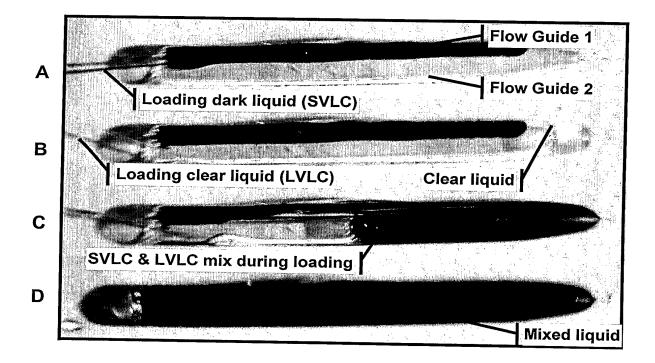


FIG. 18

